

**What is Claimed is:**

1. An apparatus for enabling a physically-challenged person to receive vestibular motion therapy while riding a carriage device, comprising:
- an adjustable torso support mounted on the carriage device for providing lateral support to the physically-challenged person while seated on the carriage device; and
  - an adjustable headrest support mounted on the carriage device for providing head and neck support to the physically-challenged person.
2. The apparatus for enabling a physically-challenged person to receive vestibular motion therapy of claim 1 further comprising a lap belt for securely positioning the physically-challenged person inside the torso support.
3. The apparatus for enabling a physically-challenged person to receive vestibular motion therapy of claim 1 wherein the torso support comprises:
- a pair of rotatable support arms;
  - a plurality of vertically-mounted spine rods secured by a plurality of locking screws for adjusting the height of the pair of support arms to accommodate the physically-challenged person;
  - a pair of adjustable hand brackets fastened to the pair of rotatable support arms;
  - and

a pair of hand pads attached to the hand brackets and secured around the torso of the physically-handicapped person underneath the arms on each side of the rib cage.

4. The apparatus for enabling a physically-challenged person to receive vestibular motion therapy of claim 1 wherein the adjustable headrest support comprises:

an adjustable headrest assembly attached to a headrest rod for adjusting the depth of the headrest assembly;

a headblock attached to the headrest rod by a clamping knob for adjusting the height of the headrest assembly.

5. The apparatus for enabling a physically-challenged person to receive vestibular motion therapy of claim 1 further comprising a head switch for starting the operation of the carriage device.

6. The apparatus for enabling a physically-challenged person to receive vestibular motion therapy of claim 1 further comprising a control panel for setting the run time of the carriage device.

7. The apparatus for enabling a physically-challenged person to receive vestibular motion therapy of claim 7 wherein the control panel includes a timer relay for delaying the time between activation cycles of the carriage device.

8. The apparatus for enabling a physically-challenged person to receive vestibular motion therapy of claim 1 wherein the carriage device is a modified Marsupilami device.
9. An apparatus for enabling a physically-challenged person to receive vestibular motion therapy while riding a carriage device, comprising:
  - an adjustable seat attached to a base of the carriage device by a spring mechanism and providing back support;
  - an adjustable torso and hip support mounted on the carriage device for providing lateral support to the physically-challenged person while seated on the carriage device; and
  - an adjustable headrest support mounted on the carriage device for providing head and neck support to the physically-challenged person.
10. The apparatus for enabling a physically-challenged person to receive vestibular motion therapy of claim 9 further comprising an adjustable shoulder strap for securing the physically-challenged person in a stable, upright condition during operation.
11. The apparatus for enabling a physically-challenged person to receive vestibular motion therapy of claim 9 wherein the torso and hip support comprises:
  - a pair of rotatable support arms;
  - a plurality of vertically-mounted spine rods secured by a plurality of locking screws for adjusting the height of the pair of support arms to accommodate the physically-challenged person;

a pair of adjustable hand brackets fastened to the pair of rotatable support arms;

and

a pair of hand pads attached to the hand brackets and secured around the torso of the physically-handicapped person underneath the arms on each side of the rib cage.

12. The apparatus for enabling a physically-challenged person to receive vestibular motion therapy of claim 9 wherein the adjustable headrest support comprises:

an adjustable headrest assembly attached to a headrest rod for adjusting the depth of the headrest assembly;

a headblock attached to the headrest rod by a clamping knob for adjusting the height of the headrest assembly.

13. The apparatus for enabling a physically-challenged person to receive vestibular motion therapy of claim 9 further comprising a head switch for starting the operation of the carriage device.

14. The apparatus for enabling a physically-challenged person to receive vestibular motion therapy of claim 9 further comprising a control panel for setting the run time of the carriage device.

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15. The apparatus for enabling a physically-challenged person to receive vestibular motion therapy of claim 14 wherein the control panel includes a timer relay for delaying the time between activation cycles of the carriage device.
16. The apparatus for enabling a physically-challenged person to receive vestibular motion therapy of claim 9 wherein the carriage device is a rocking horse type device.

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